

## U.S. DEPARTMENT OF COMMERCE PATENT &amp; TRADEMARK OFFICE

B/O Form PTO-1390		<b>Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 USC 371</b>		Attorney's Docket Number KWON3008/REF U.S. Application Number (if known) <b>10/378619</b>	
International Application Number <b>PCT/KR2005/000847</b>		International Filing Date <b>March 23, 2005</b>		Priority Date Claimed <b>March 25, 2004</b>	
Title of Invention <b>Photonic Quantum Ring Laser for Low Power Consumption Display Device</b>					
Applicant(s) for DO/EO/US <b>O'Dae KWON et al.</b>					
<b>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items under 35 USC 371:</b>					
1.	<input checked="" type="checkbox"/>	This is a <b>FIRST</b> submission of items concerning a filing under <i>35 USC 371</i> .			
2.	<input type="checkbox"/>	This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under <i>35 USC 371</i> .			
3.	<input checked="" type="checkbox"/>	This express request to begin national examination procedures ( <i>35 USC 371(f)</i> ) at any time rather than delay examination until the expiration of the applicable time limit set in <i>35 USC 371(b)</i> and PCT Articles 22 and 39(1).			
4.	<input checked="" type="checkbox"/>	The U.S. has been elected (Article 31).			
5.	<input checked="" type="checkbox"/>	A copy of the International Application as filed <i>35 USC 371(c)(2)</i> .			
	a.	<input checked="" type="checkbox"/>	is transmitted herewith (required only if not transmitted by the International Bureau).		
	b.	<input checked="" type="checkbox"/>	has been transmitted by the International Bureau.		
	c.	<input type="checkbox"/>	is not required, as the application was filed in the United States Receiving Office (RO/US).		
6.	<input type="checkbox"/>	A translation of the International Application into English ( <i>35 USC 371(c)(2)</i> ).			
7.	<input checked="" type="checkbox"/>	Amendments to the claims of the International Application under PCT Article 19 ( <i>35 USC 371(c)(3)</i> )			
	a.	<input type="checkbox"/>	are transmitted herewith (required only if not transmitted by the International Bureau).		
	b.	<input type="checkbox"/>	have been transmitted by the International Bureau.		
	c.	<input type="checkbox"/>	have not been made; however, the time limit for making such amendments has NOT expired.		
	d.	<input checked="" type="checkbox"/>	have not been made and will not be made.		
8.	<input type="checkbox"/>	A translation of the amendments to the claims under PCT Article 19 ( <i>35 USC 371(c)(3)</i> ).			
9.	<input checked="" type="checkbox"/>	An oath or declaration of the inventor(s) ( <i>35 USC 371(c)(4)</i> ). ( <input checked="" type="checkbox"/> Executed <input type="checkbox"/> Unexecuted)			
10.	<input type="checkbox"/>	A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 ( <i>35 USC 371(c)(5)</i> ).			
<b>Items 11 to 16 below concern other document(s) or information included:</b>					
11.	<input checked="" type="checkbox"/>	An Information Disclosure Statement under <i>37 CFR 1.97</i> and <i>1.98</i> .			
12.	<input checked="" type="checkbox"/>	An assignment document for recording. A separate cover sheet in compliance with <i>37 CFR 3.28</i> and <i>3.31</i> is included.			
13.	<input type="checkbox"/>	A preliminary amendment.			
14.	<input checked="" type="checkbox"/>	An Application Data Sheet under <i>37 CFR 1.76</i> .			
15.	<input type="checkbox"/>	A substitute specification.			
16.	<input type="checkbox"/>	A change of power of attorney and/or address letter.			
17.	<input type="checkbox"/>	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and U.S.C. 1.821 - 1.825.			
18.	<input type="checkbox"/>	A second copy of the published international application under 35 U.S.C. 154(d)(4).			
19.	<input type="checkbox"/>	A second copy of the English translation of the international application under 35 U.S.C. 154(d)(4)			
20.	<input checked="" type="checkbox"/>	Other items or information: <b>Abstract</b>			

Application Number (if Known) <b>10/578619</b>		International Application Number <b>PCT/KR2005/000847</b>		Attorney's Docket Number <b>KWON3008/REF</b>	
				Calculations	PTO USE
21. The following fees are submitted:					
<input checked="" type="checkbox"/> a) Basic national fee.....\$300.00 <input checked="" type="checkbox"/> b) Examination fee .....\$200.00				\$500.00	
<input checked="" type="checkbox"/> c) Search Fee: <input type="checkbox"/> If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) .....\$0.00 <input type="checkbox"/> Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....\$100.00 <input checked="" type="checkbox"/> International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB.....\$400.00 <input type="checkbox"/> All other situations.....\$500.00				\$400.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets or fractions thereof.					
Total Sheets	Extra sheets	Number of each additional 50 or fractions thereof (round up to a whole number)	RATE		
- 100 =	/50=		x \$250.00		
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).					
CLAIMS	NUMBER	NUMBER EXTRA	RATE		
Total Claims	13 -20 =		x \$50.00	\$	
Independent Claims	2 -3 =		x \$200.00	\$	900.00
Multiple Dependent Claims (if applicable)			+ \$360.00		
<b>TOTAL OF ABOVE CALCULATIONS</b>				<b>\$</b>	<b>900.00</b>
<input type="checkbox"/> Reduction by 1/2 for filing by small entity, if applicable. Small Entity Status is asserted pursuant to 37 CFR 1.27 for this application.				\$	450.00
<b>SUBTOTAL</b>				<b>\$</b>	<b>450.00</b>
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).					
<b>TOTAL NATIONAL FEE</b>				<b>\$</b>	<b>450.00</b>
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property.				\$	40.00
<b>TOTAL FEES ENCLOSED</b>				<b>\$</b>	<b>490.00</b>
			Amount to be:	Refunded:	
				Charged:	

- a. ☒ A check in the amount of **\$ 490.00** to cover the fees is enclosed.  
 b. ☐ Please charge my **Deposit Account Number 02-0200** in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed.  
 c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to **Deposit Account Number 02-0200**. A duplicate copy of this sheet is enclosed.


Note: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

**23364**

Customer Number  
Phone: (703) 683-0500

Respectfully submitted,

DATE: May 8, 2006

  
 Richard E. Fichter  
 Attorney for Applicant  
 Registration Number: 26,382